

Purpose of the Proposed Action for US 50 Eastbound Improvements Purcell Blvd. to Wills Blvd. and McCulloch Blvd. Intersection

The purpose of the Proposed Action is to reduce congestion and improve safety

Consistent with US 50 West Planning and Environmental Linkage Study (PEL) purpose and need:

- Reduce traffic congestion and improve travel delay for commuters from Pueblo West to Pueblo and other regional destinations
- Improve safety from Purcell Blvd. to Wills Blvd., and where McCulloch Blvd. turns right onto EB US 50
- Minimize congestion on surrounding roads when improving US 50

Need for US 50 Eastbound Improvements Addressed by the Proposed Action

Increase in morning peak hour traffic congestion

- 2035 a.m. traffic volumes will increase by about 30% at Purcell Blvd. and 50% at Pueblo Blvd.

Congested Intersections

- US 50 at Purcell Blvd. is currently the most congested, operating at LOS F

- By 2035 McCulloch Blvd., Purcell Blvd. and Pueblo Blvd. will operate at LOS F

High accident rates at intersections

- Highest number of Corridor crashes are concentrated at Pueblo Blvd. and Purcell Blvd.

Lack of pedestrian and bicycle connectivity

How Well do the No Action Alternative and the Proposed Action Meet Purpose and Need?

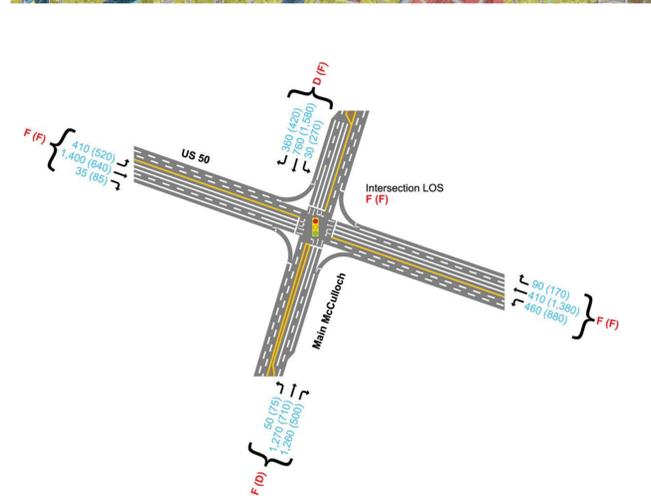
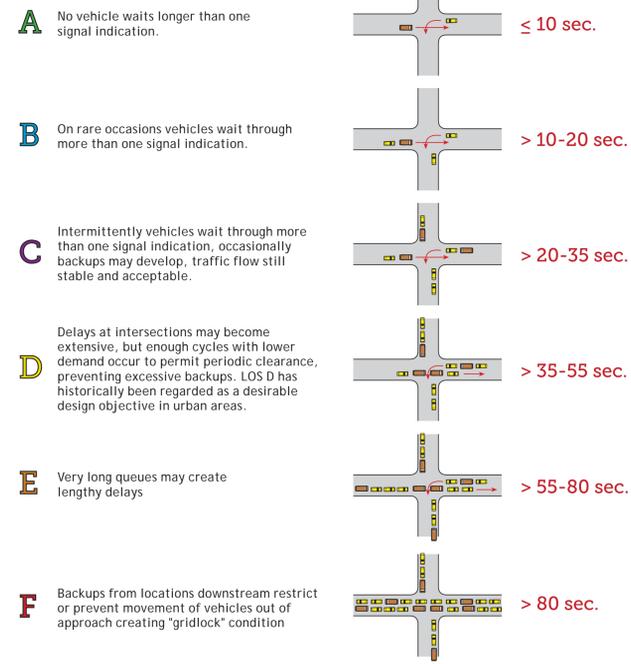
No Action Alternative

- Inadequate capacity for morning commuters
- By 2035, average delay at Pueblo Blvd. is about 3.2 minutes, and the average queue length is 1/2 mile
- Increased crashes, especially rear-end collisions
- No separate bicycle or pedestrian facilities on US 50

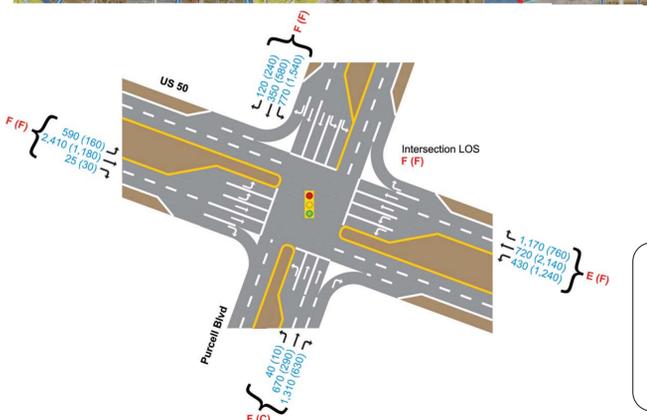
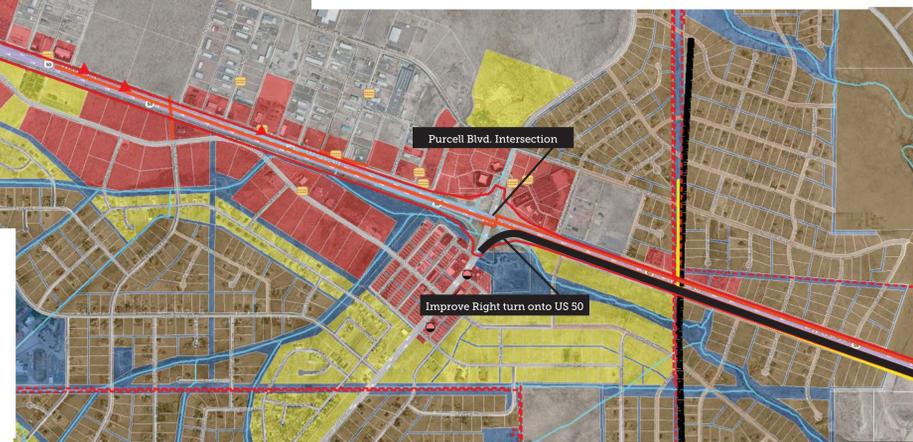
Proposed Action

- Reduces congestion by adding third EB lane from Purcell Blvd. to Wills Blvd.
- Reduces average delay to 1.6 minutes and queue lengths to 1/4 mile
- Improves safety conditions at intersections
- Accommodates proposed future pedestrian and bicycle path as a part of EB bridge widening

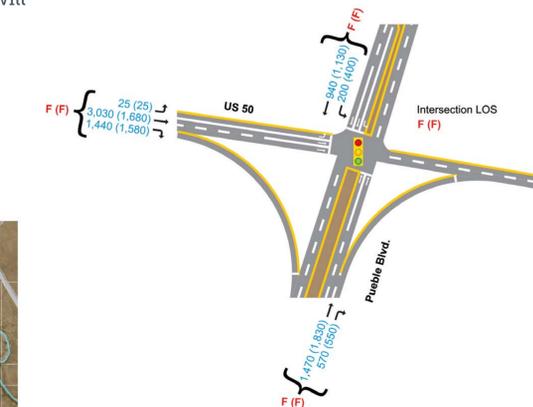
Level of Service at Intersections based on Average Delay in Seconds



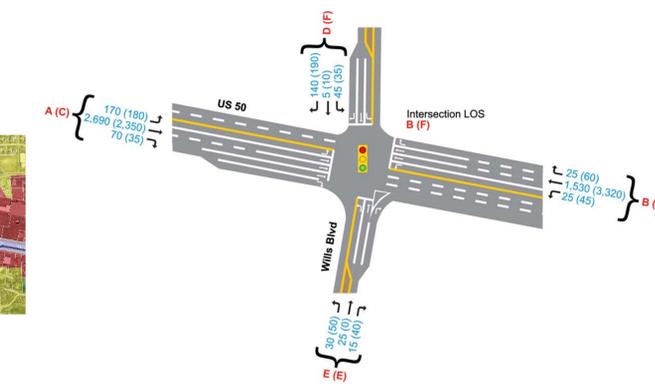
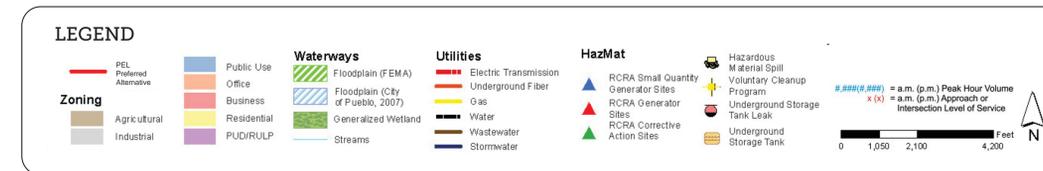
2035 LOS at US 50 and McCulloch Blvd.



2035 LOS at US 50 and Purcell Blvd.



2035 LOS at Eastbound US 50 and Pueblo Blvd.



2035 LOS at US 50 and Wills Blvd.

Signalized Intersection LOS is based on the average delay of all vehicles using the intersection